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Daniel Schonberg, Darko Kirovski

October 2004 **MULTIMEDIA '04**: Proceedings of the 12th annual ACM inter Multimedia**Publisher:** ACM

Full text available: Pdf (1.24 MB)

Additional Information: [full citation](#), [abstract](#), [n](#)**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 146, Cita

One of the prime reasons movie and music studios have ignored the Int multimedia content delivery, has been the lack of a technology that can management (DRM) system on a general purpose computer. ...

**Keywords:** audio, collusion attack, fingerprinting, forensic analysis, vid**2** [On the extraction of vocal-related information to facilitate the manage collections](#)

Wei-Ho Tsai, Hsin-Min Wang

June 2005 **JCDL '05**: Proceedings of the 5th ACM/IEEE-CS joint conferenc**Publisher:** ACM

Full text available: Pdf (242.72 KB)

Additional Information: [full citation](#), [abstract](#), [n](#)**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 80, Cita

With the explosive growth of networked collections of musical material, mechanism like a digital library to manage music data. This paper prese processing paradigm of popular song collections to facilitate ...

**Keywords:** music digital library, music information retrieval, query-by-vocal/ non-vocal segmentation**3** [An end-user perspective on file-sharing systems](#)

Jintae Lee

February 2003 **Communications of the ACM**, Volume 46 Issue 2**Publisher:** ACMFull text available: Html (25.44 KB), Pdf (91.50 KB) Additional Information: [full citation](#), [abstract](#), [n](#)**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 255, Cita

P2P file-sharing systems enable their users to share files directly among for a central file server. They form one of the most well-known categories largely to the Napster controversy and its appeal ...

#### 4 Automatic summarization of music videos

 Xi Shao, Changsheng Xu, Namunu C. Maddage, Qi Tian, Mohan S. Kankant  
May 2006 **Transactions on Multimedia Computing, Communications (TOMCCAP)**, Volume 2 Issue 2

**Publisher:** ACM

Full text available:  Pdf (488.75 KB) Additional Information: [full citation](#), [abstract](#), [terms](#)

**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 112, Citation (6 Weeks): 0

In this article, we propose a novel approach for automatic music video summarization scheme is different from the current methods used for video is separated into the music track and video track. ...

**Keywords:** Music summarization, music video, video summarization

#### 5 Fourth annual visual effects (VES) awards


 Newton Lee  
October 2005 **Computers in Entertainment (CIE)**, Volume 3 Issue 4

**Publisher:** ACM

Full text available:  Pdf (399.42 KB) Additional Information: [full citation](#), [index term](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 16, Citation (6 Weeks): 0

#### 6 Personal vs. commercial content: the similarities between consumer

 Frank Bentley, Crysta Metcalf, Gunnar Harboe  
April 2006 **CHI '06: Proceedings of the SIGCHI conference on Human Factors in Computing Systems**, Volume 44

**Publisher:** ACM

Full text available:  Pdf (469.83 KB) Additional Information: [full citation](#), [abstract](#), [terms](#)

**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 172, Citation (6 Weeks): 0


We describe the results of two ethnographic-style studies that investigate music sharing and music respectively. Although the studies were designed, executed, and analyzed separately, our findings we discovered striking similarities between ...

**Keywords:** consumer, ethnographic study, music, photo, sharing

#### 7 Copyright conundrum: liability of ISPs for online copyright infringement

Gaye L. Middleton  
January 2005 **ACSW Frontiers '05: Proceedings of the 2005 Australasian Conference on Computer and e-research - Volume 44**, Volume 44

**Publisher:** Australian Computer Society, Inc.


Full text available:  Pdf (129.27 KB) Additional Information: [full citation](#), [abstract](#), [terms](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 77, Citation (6 Weeks): 0

As digital rights holders become increasingly proactive in asserting their Internet service providers ("ISPs") are more frequently becoming embroiled in infringement disputes. ISPs have, in turn, become increasingly ...

- 8 Online audio background determination for complex audio environments  
 Simon Moncrieff, Svetha Venkatesh, Geoff West  
 May 2007 **Transactions on Multimedia Computing, Communications (TOMCCAP)**, Volume 3 Issue 2


**Publisher:** ACM

Full text available:  Pdf (799.81 KB) Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 92, Citation

We present a method for foreground/background separation of audio using a new technique. The technique models the background in an online, unsupervised manner and is designed for application to long term surveillance ...

**Keywords:** Audio analysis, online background modelling, surveillance analysis


- 9 QueST: querying music databases by acoustic and textual features  
 Bin Cui, Ling Liu, Carlton Pu, Jialie Shen, Kian-lee Tan  
 September 2007 **MULTIMEDIA '07: Proceedings of the 15th international conference on Multimedia**  
**Publisher:** ACM

Full text available:  Pdf (229.62 KB) Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 132, Citation

With continued growth of music content available on the Internet, music search has attracted increasing attention. An important challenge for music search is to support keyword and content based queries efficiently ...

**Keywords:** acoustic feature, music, search, similarity notion, textual features


- 10 Improving audio conferencing: are two ears better than one?  
 Nicole Yankelovich, Jonathan Kaplan, Joe Provino, Mike Wessler, Joan Morris  
 November 2006 **CSCW '06: Proceedings of the 2006 20th anniversary conference on Computer-Supported Cooperative Work**  
**Publisher:** ACM


Full text available:  Pdf (625.38 KB) Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 133, Citation

In this paper, we describe a range of audio problems that impact the effectiveness of audio conferences and detail the solutions we have devised to address these problems. We also describe an audio quality assessment to determine how differences in quality ...

**Keywords:** audio conferencing, cocktail-party effect, distributed meeting

- 11 Impromptu: managing networked audio applications for mobile users  
 Chris Schmandt, Kwan Hong Lee, Jang Kim, Mark Ackerman  
 June 2004 **MobiSys '04: Proceedings of the 2nd international conference on Mobile systems, applications, and services**  
**Publisher:** ACM


Full text available:  Pdf (240.36 KB) Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 51, Citation

This paper discusses the software architecture of Impromptu, a mobile platform, with an associated set of network-based applications and service communication properties and universal mobility of the telephone ...


**Keywords:** WiFi, architecture, audio applications, audio interface, mobile interface, telephony, voice over IP

## 12 Designing interactive music mixing applications for mobile devices

 Jukka Arrasvuori, Jukka Holm

September 2007 **DI MEA '07**: Proceedings of the 2nd international conference in entertainment and arts

**Publisher:** ACM


Full text available:  Pdf (607.92 KB) Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 133, Citations

Mobile devices are a potential platform for interactive music mixing application audience. In this paper, the authors discuss the development of four such concepts were implemented as software prototypes ...


**Keywords:** MIDI, collaborative music-making, interactive music, interactive applications, jamming, mobile devices

## 13 A singer identification technique for content-based classification of MP3

 Chin-Chin Liu, Chuan-Sung Huang

November 2002 **CIKM '02**: Proceedings of the eleventh international conference on knowledge management

**Publisher:** ACM


Full text available:  Pdf (477.25 KB) Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 145, Citations



As there is a growing amount of MP3 music data available on the Internet to music classification and content-based music retrieval are getting more paper, we propose an approach to automatically ...

**Keywords:** MP3, MP3 classification, MP3 databases, content-based music classification, music databases, music feature extraction, singer identification

## 14 netWorker: Volume 12 Issue 1


 March 2008 netWorker

**Publisher:** ACM

Full text available:  Digital Edition,  Pdf (1.99 MB) Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 41, Downloads (12 Months): 213, Citations

## 15 System support for pervasive applications

 Robert Grimm, Janet Davis, Eric Lemar, Adam Macbeth, Steven Swanson, Beshad, Gaetano Borriello, Steven Gribble, David Wetherall

November 2004 **Transactions on Computer Systems (TOCS)**, Volume 22 Issue 4  
**Publisher:** ACM

Full text available:  Pdf (1.82 MB)


Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 38, Downloads (12 Months): 350, Citation

Pervasive computing provides an attractive vision for the future of computing. It will be available everywhere. Mobile and stationary devices will dynamically and seamlessly help people in accomplishing their tasks. ...

**Keywords:** Asynchronous events, checkpointing, discovery, logic/operational world, pervasive computing, structured I/O, tuples, ubiquitous computing

#### 16 A music search engine built upon audio-based and web-based similarity

 Peter Knees, Tim Pohle, Markus Schedl, Gerhard Widmer

July 2007 **SIGIR '07:** Proceedings of the 30th annual international ACM SIGIR conference on Information and development in information retrieval

**Publisher:** ACM

Full text available:  Pdf (198.55 KB)


Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 321, Citation

An approach is presented to automatically build a search engine for large audio collections. The engine can be queried through natural language. While existing approaches depend on manual annotations and meta-data assigned to the individual audio files, ...

**Keywords:** context-based retrieval, cross-media retrieval, music information retrieval, music similarity

#### 17 AVE: automated home video editing

 Xian-Sheng HUA, Lie LU, Hong-Jiang ZHANG

November 2003 **MULTIMEDIA '03:** Proceedings of the eleventh ACM international conference on Multimedia

**Publisher:** ACM

Full text available:  Pdf (384.96 KB)


Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 39, Citation

In this paper, we present a system that automates home video editing. The system extracts a set of highlight segments from a set of raw home videos and incidental music based on the content of the video and ...

**Keywords:** audio segmentation, music analysis, optimization, video content analysis, video segmentation, video skimming

#### 18 The IP war: apocalypse or revolution?

 Tavi Gai, Howard M. Singer, Laird Popkin

October 2003 **DRM '03:** Proceedings of the 3rd ACM workshop on Digital Rights Management

**Publisher:** ACM

Full text available:  Pdf (248.96 KB)

Additional Information: full citation, abstract, n

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 116, Citation

In the Foundation series, Asimov predicted a 1,000 years of darkness for humanity. ...

empire. In the book *Noir*, K.W. Jeter describes a world where IP is the rule together and you have likely scenario No. 1. The Internet ...

**Keywords:** digital distribution, digital rights management, intellectual property

#### 19 Audio watermark attacks: from single to profile attacks



Andreas Lang, Jana Dittmann, Ryan Spring, Claus Viehauer

August 2005 **MM & Sec '05: Proceedings of the 7th workshop on Multimedia**

**Publisher:** ACM

Full text available: Pdf (224.98 KB)

Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 79, Citation

A wide range of watermarking evaluation approaches and especially image watermarking have been described in the literature. Our paper sets the main focus on the evaluation of audio watermarking with StirMark Benchmark for Audio (SMBA). ...

**Keywords:** attack, audio, digital watermarking, smba, stirmark

#### 20 The UCON<sub>ABC</sub> usage control model



Jaehong Park, Ravi Sandhu

February 2004 **Transactions on Information and System Security (TIS)**

**Publisher:** ACM

Full text available: Pdf (518.61 KB)

Additional Information: full citation, abstract, etc.

**Bibliometrics:** Downloads (6 Weeks): 49, Downloads (12 Months): 275, Citation

In this paper, we introduce the family of UCON<sub>ABC</sub> models for usage control. *Authorizations (A)*, *obligations (B)*, and *Conditions (C)*. We call these components the essence of UCON, leaving ...

**Keywords:** access control, digital rights management, privacy, trust, usage control

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